

ocket No. P0147US2-7

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: THIBEAULT, BRIAN et al.

Serial No. 10/665,595 (Divisional of 09/727,803, filed 11/28/2000)

Filed: September 17, 2003

Title: ENHANCED LIGHT EXTRACTION IN LEDS THROUGH THE USE OF INTERNAL AND EXTERNAL OPTICAL ELEMENTS.

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(b)

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents listed on the attached Form PTO-1449. This Information Disclosure Statement is being filed within three months of the filing of the above referenced application or before the mailing date of a first Office Action on the merits for the above-referenced application.

In accordance with the PTO procedure, (all patent applications filed after June 30, 2003), we have not enclosed the U.S. patent references cited on PTO form 1449.

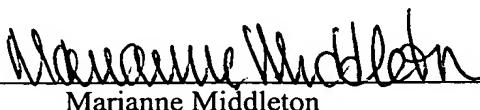
Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration of relevant portions thereof by making appropriate notations on the attached form.

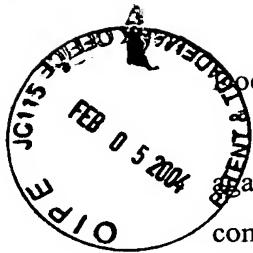
This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If the Examiner applies any of the documents as prior art

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

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Date


Marianne Middleton



Socket No. P0147US2-7

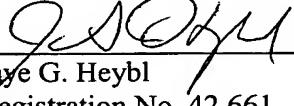
PATENT

against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Respectfully submitted,

Dated: 2/2/04



Jaye G. Heybl
Registration No. 42,661
Attorney for Applicant

KOPPEL, JACOBS, PATRICK & HEYBL
555 St. Charles Drive, Suite 107
Thousand Oaks, California 91360
(805) 373-0060
MJ4-P0147US2-7IDS-1.97(b).doc

FORM PTO-1449 (Modified) INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)								Docket No. P0147US2-7	Application Number 10/665,595						
								Applicant THIBEAULT, BRIAN et al.							
								Filing Date September 17, 2003				Group Art Unit			

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number							Date	Name	Class	Subclass	Filing Date If Appropriate
	5	7	7	9	9	2	4	07/1998	KRAMES et al.	216	24	
	3	9	5	4	5	3	4	05/1976	SCIFRES et al.	156	7	
	5	7	9	3	0	6	2	08/1998	KISH et al.	257	98	
	5	3	5	9	2	0	8	10/1994	KATSUKI et al.	257	82	
	5	4	1	4	2	8	1	05/1995	WATABE et al.	257	95	
	5	4	9	1	3	5	0	02/1996	UNNO et al.	257	99	
	5	5	2	8	0	5	7	06/1996	YANAGASE et al	257	96	
	5	5	5	7	1	1	5	09/1996	SHAKUDA	257	81	
	6	4	1	0	9	4	2	06/2002	THIBEAULT et al	257	88	
	6	0	9	1	0	8	5	07/2000	LESTER	257	98	
	5	7	4	4	8	2	8	04/1998	NOZAKI et al.	257	94	

FOREIGN PATENT DOCUMENTS

	Document Number							Date	Country	Class	Subclass	Translation	
												Yes	No
	WO	99	5	3	5	7	8	10-21-99	PCT				X
	11	2	7	4	5	6	8	10-08-99	JAPANESE				X
	WO	01	41	22	5	A	2	06-07-01	PCT				X
	EP	09	77	27	7	A	1	11-13-98	EUROPE				X
	DE	26	33	19	1	A	1	07-23-76	GERMAN				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	Egawa et al. "STIMULATED EMISSION CURRENT INJECTED InGaN/AlGaN SURFACE EMITTING DIODE WITH Al REFLECTOR AT ROOM TEMPERATURE", pp. 486-488, Electronics Letters, 2/29/96, Vol 32, No. 5.
	2	I. Schnitzer et al. "30% EXTERNAL QUANTUM EFFICIENCY FROM SURFACE TEXTURED, THIN-FILM LIGHT-EMITTING DIODES", 1993 American Institute of Physics, pp. 2174-2176.

Examiner	Date Considered
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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(Use several sheets if necessary)		Filing Date September 17, 2003	Group Art Unit

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Examiner Initial	Document Number							Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number							Date	Country	Class	Subclass	Translation	
	JP	10	16	3	5	2	5					Yes	No
	JP	10	16	3	5	2	5	06/1998	JAPAN				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner	Date Considered
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